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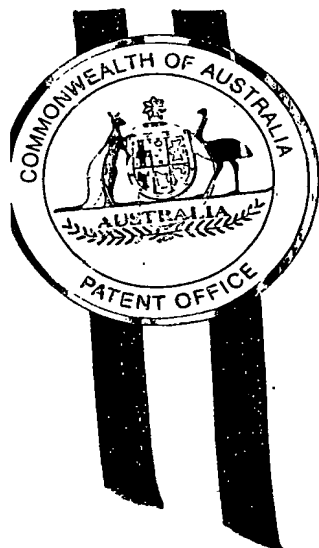
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I, LEANNE MYNOTT, MANAGER EXAMINATION SUPPORT AND SALES hereby certify that annexed is a true copy of the Provisional specification in connection with Application No. PR 8167 for a patent by IAN ROBERT SYMONS as filed on 10 October 2001.



WITNESS my hand this  
Twenty-fifth day of July 2002

LEANNE MYNOTT  
MANAGER EXAMINATION SUPPORT  
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PROVISIONAL SPECIFICATION

Invention title: BODY DRYER.

The invention is described in the following statement:

This invention relates to improvements in the drying of the human body. Conventional techniques include aids such as towels, hair dryers, warm air hand dryers, radiators etcetera or by natural drying  
5 such as via the sun or air.

The following Definitions apply throughout the entirety of this document.

Definition: The term '**wrap-jet**' used in this document refers to a narrow vertical blade of air moving in a generally horizontal direction that upon striking a human body will wrap itself around the said human body by means of both surface drag plus refraction whereupon the said jet of air thereby maximises  
10 contact with the said human body.

Definition: The term '**hot-wrap-jet**' used in this document refers to a **wrap-jet** that has a hot inner core of air that maximises energy transfer to a human body by virtue of being the section of the said hot inner core that has the maximum contact with the said human body.

Definition: The term '**drying-jet**' used in this document refers to either a **wrap-jet** or a **hot-wrap-jet** used  
15 to dry a wet human body by means of evaporation.

Definition: The term '**air-heating-elements**' used in this document refers to one or more electric heating elements used to heat the air in a **hot-wrap-jet**.

Definition: The term '**control-electronics**' used in this document refers to any combination of electronics that can include thermal fuses or temperature sensors or automatic timeout functions or motorised fan  
20 control or fault information provision or safety device interfacing or **air-heating-elements** power control thus also allowing air outflow temperature regulation or providing any other suitable desired function.

Definition: The term '**person-dryer**' used in this document refers to a cabinet containing a motorised fan plus **air-heating-elements** plus **control electronics** plus air inlet vents plus air outlet vents whereupon this assembly is used to exude a **drying-jet** to dry a wet human body.

25 Definition: The term '**light-pipes**' used in this document refers to optically conductive material that interfaces with both **control-electronics** plus the external surface of a **person-dryer** thereby providing minimal risk of electric shock when effecting operation by way of either touch or proximity with the said optically conductive material whereupon additional functions may include shining during either operations or fault conditions.

Definition: The term '**vortex-fins**' used in this document refers to curved fins located on the outlet side of a motorised fan in a **person-dryer** that are used to reduce the amount of swirling in the air that is caused by the said motorised fan thereby forming a more laminar air flow that thereby both improves said motorised fan efficiency plus presents a more laminar air flow to the air outlet vents thus forming a more controlled **drying-jet**.

Definition: The term '**filter**' used in this document refers to a filter that is used to filter incoming air through air inlet vents in a **person-dryer**.

Definition: The term '**wall-hook**' used in this document refers to a detachable hook that can be mounted upon a wall whereupon a **person-dryer** can be hung thereon.

10 This invention of a BODY DRYER consists of a **person-dryer**.

In another form of BODY DRYER according to this invention **light-pipes** are used.

In another form of BODY DRYER according to this invention **vortex-fins** are used.

In another form of BODY DRYER according to this invention a **filter** is used.

In another form of BODY DRYER according to this invention a **wall-hook** is used.

15 In another form of BODY DRYER according to this invention switches replace the **control-electronics**.

It will be realized that the components of the invention may be of any suitable type that will perform the functions of the invention.

To assist with understanding the invention, reference will now be made to the accompanying drawings that show one example of the invention.

20 In the drawings:

**Figure 1** shows a side view of one example of a BODY DRYER according to this invention;

**Figure 2** shows a side view of one example of a BODY DRYER with refinements according to this invention;

**Figure 3** shows a top view of one example of a **drying-jet** as a **hot-wrap-jet** according to this invention;

25 **Figure 4** shows a side view of one example of **light-pipes** according to this invention.

Referring to **Figure 1** it can be seen that a BODY DRYER according to this invention consists of a cabinet 1 with a air inlet vents 2 plus air outlet vents 3 a motorized fan 4 air-heating-elements 5 a start switch 6 and a stop switch 7.

When start switch 6 is activated, the motorized fan 4 draws air from the air inlet vents 2 and pushes this air through the air-heating-elements 5 whereupon the warmed air exits through the air outlet vents 3 whereupon this process stops when stop switch 7 is pressed.

- Referring to Figure 2 it can be seen that some refinements of a BODY DRYER according to this invention consists of a filter 8 vortex-fins 9 control-electronics 10 light-pipes 11 and a wall-hook 12.

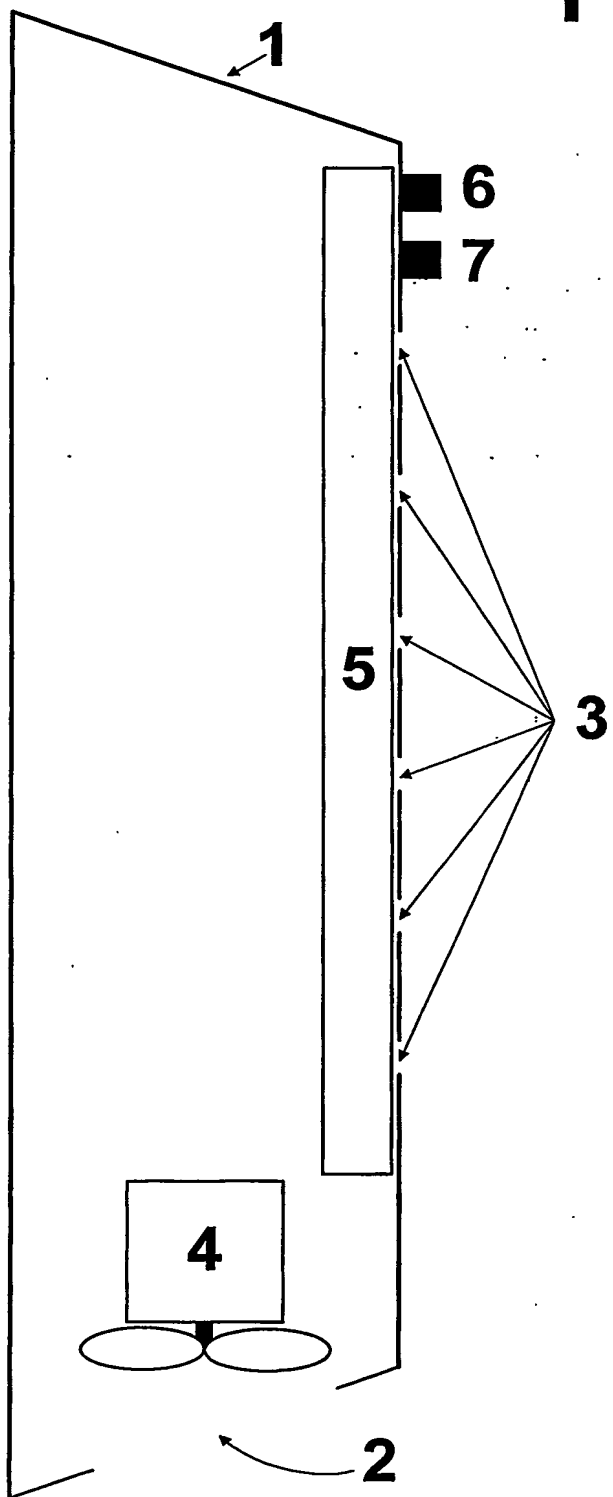
Referring to Figure 3 it can be seen that a drying-jet as a hot-wrap-jet according to this invention consists a buttressing layer of cooler air 13 supporting of a central blade of hot air 14 that then wraps around a wet body 15 thereby efficiently transferring heat to the said wet body 15 to dry the said wet body 15 with the minimum waste loss of energy to the surrounding air.

- 10 Referring to Figure 4 it can be seen that light-pipes 16 have four interfaces being an interface for human contact 17 plus an interface for an infra-red transmitter 18 plus an interface for an infra-red receiver 19 plus an interface for a visible light indicator 20 whereupon it can be seen that touching the interface for human contact 17 alters amount of the infra-red light reflection allowing sensing the change thereof whilst the interface for a visible light indicator 20 may be optionally illuminated.
- 15 It will be realized that the construction of the invention according to this invention is not restricted to the forms as shown in the drawings but may use many different forms to achieve the same result.

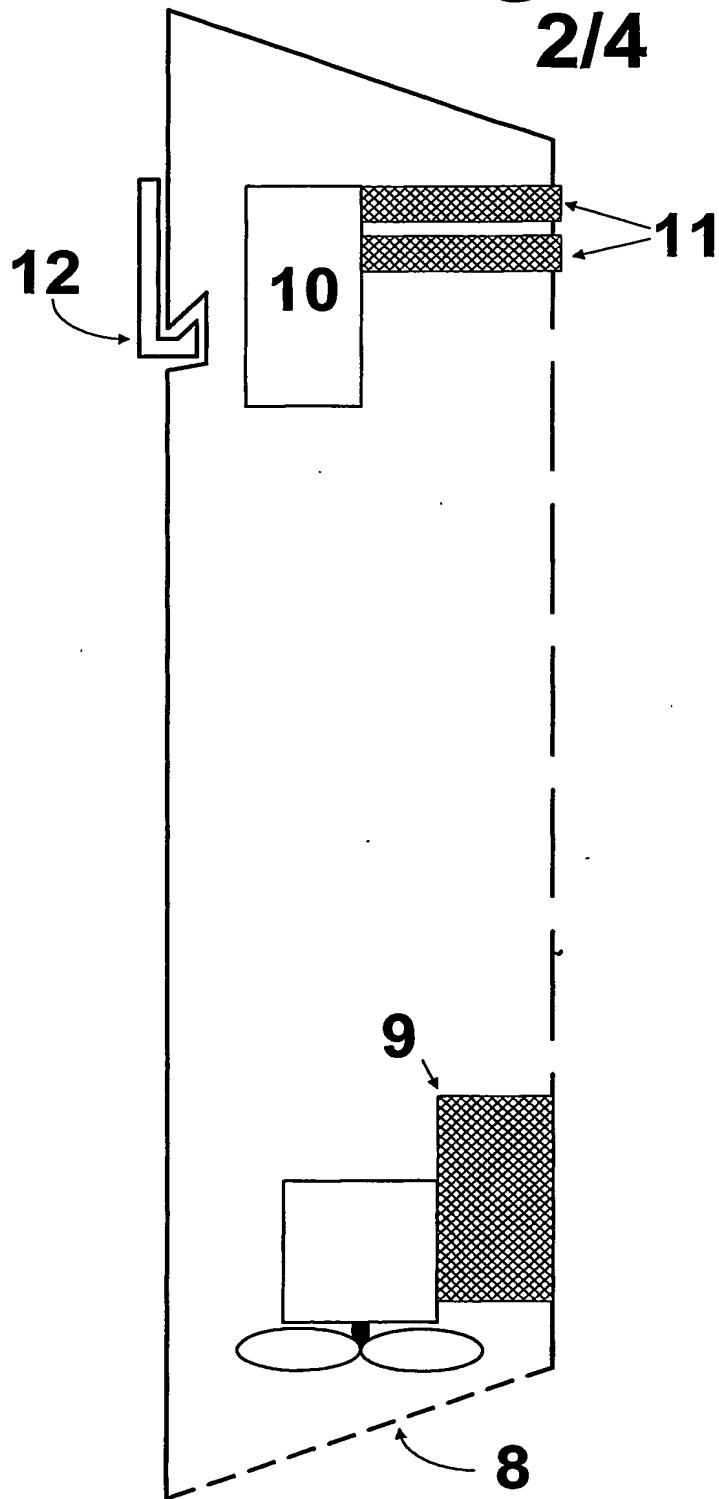
IAN ROBERT SYMONS  
Name of Applicant

10 October 2001  
Date

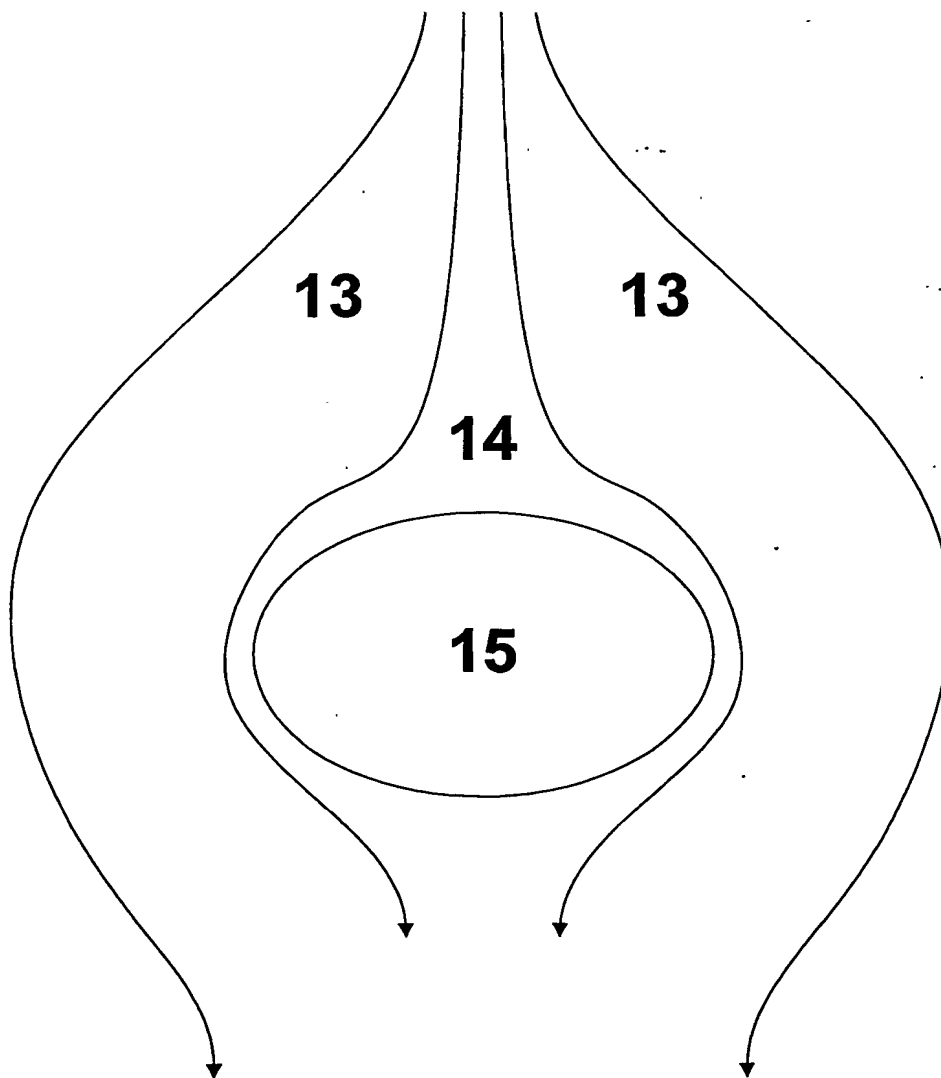
**Figure 1**  
**1/4**



**Figure 2**  
**2/4**



**Figure 3**  
**3/4**



# Figure 4

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